

To: Kavlock, Robert[Kavlock.Robert@epa.gov]; Rodan, Bruce[rodan.bruce@epa.gov]; Blackburn, Elizabeth[Blackburn.Elizabeth@epa.gov]
From: Robbins, Chris
Sent: Fri 1/27/2017 7:02:33 PM
Subject: Fwd: FYI - background Information on Chapel Hill (835785)
EPA UNC Collaborative Agreement-final application-complete-corrected (003).pdf
ATT00001.htm

For our 2:30 chat

Sent from my iPad

Begin forwarded message:

From: "Heckman, Deborah" <Heckman.Deborah@epa.gov>
To: "Robbins, Chris" <Robbins.Chris@epa.gov>
Cc: "Silzer, Stefan" <Silzer.Stefan@epa.gov>, "Cursio, Heather" <Cursio.Heather@epa.gov>
Subject: FYI - background Information on Chapel Hill (835785)

Helpful information on UNC cooperative agreement for Chapel Hill (\$9.8 M; project period 2015-2020) – see attachments below

From the application

The Center for Environmental Medicine, Asthma and Lung Biology (CEMALB) is the UNC organization responding to the EPA Funding Opportunity "Human Health Effects of Environmental Pollutants" in this application entitled "Translational Research Center for Environmental Medicine and Toxicology" (TRCEMT).

The primary mission of the CEMALB is to improve understanding of the impact of environmental factors on human health. The goal is to generate information that can be used to inform public policy decisions regarding pollution control and to develop personal mitigation strategies for susceptible populations. The CEMALB has focused on the effect of the Clean Air Act criterion air pollutants ozone (O3) and particulate matter (PM, and its constituents) on human health. CEMALB investigators also have an interest in the impact of bioaerosols (LPS, allergens), potential indoor air pollutants (biomass/wood smoke), and ambient environmental factors (heat, relative humidity) on human health. Response to these latter factors is likely modified by the effects of O3 and ambient PM.

The proposed TRCEMT is organized to be responsive to the following research areas related to human health effects of pollutants. The three primary projects proposed in this application focus on the areas in bold, and when all projects (primary and the proposed pilot projects) are considered, all research areas are addressed. **The research areas include: Multi-pollutant Interactions, Health Effects Associated with Inhaled Particulate Pollutants Derived from Specific Sources, Susceptibility to Air Pollutants, Social Determinants of Health, Intervention Studies and Biological Mechanisms.**

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Acting Deputy Director
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